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MOBIL MATERIAL SAFETY DATA BULLETIN

MOBIL OIL CORPORATION  
ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPT.

150 EAST 42ND STREET  
NEW YORK, N.Y. 10017 (USA)

\*\*\*\*\* PRODUCT IDENTIFICATION \*\*\*\*\*  
AVREX 904

SUPPLIER:  
MOBIL OIL CORP.  
CHEMICAL NAMES AND SYNONYMS:  
PET. HYDROCARBONS AND ADDITIVES  
USE OR DESCRIPTION:  
AVIATION OIL

HEALTH EMERGENCY TELEPHONE:  
(212)883-4242  
TRANSPORT EMERGENCY TELEPHONE:  
(800)424-9300(CHEMTREC)  
OTHER DESIGNATION:  
(TRN 494930)

\*\*\*\*\* TYPICAL CHEMICAL AND PHYSICAL PROPERTIES \*\*\*\*\*

APPEARANCE: RED LIQUID	VISCOSITY: AT 100 F, SUS 78.0	AT 40 C, CS 14.2
ODOR: MILD	VISCOSITY: AT 210 F, SUS 42.4	AT 100 C, CS 4.8
RELATIVE DENSITY: 15/4 C 0.877	SOLUBILITY IN WATER: NEGLIGIBLE	PH: NA
MELTING POINT: F(C) NA	POUR POINT: F(C) -75(-59)	
BOILING POINT: F(C) >600(316)	FLASH POINT: F(C) (METHOD) 200(93) (ASTM D92)	
VAPOR PRESSURE:MM HG 20C < .1		

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

\*\*\*\*\* INGREDIENTS \*\*\*\*\*

	WT PCT (APPROX)	TLV(TWA):	MG/M3	PPM
HAZARDOUS INGREDIENTS: NONE				

NON-HAZARDOUS INGREDIENTS:	
REFINED MINERAL OILS	> 85
ADDITIVES AND/OR OTHER INGREDIENTS.	< 15
POLY(ACRYLATE)	< 10
ORGANIC PHOSPHATE ESTERS	< 5

NOTE: TLVS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

## \*\*\*\*\* FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

FLASH POINT: F(C) (METHOD)      FLAMMABLE LIMITS: LEL      UEL  
200( 93) (ASTM D92)      .6      7.0

## EXTINGUISHING MEDIA:

CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

## SPECIAL FIRE FIGHTING PROCEDURES:

FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS.

## UNUSUAL FIRE AND EXPLOSION HAZARDS:

NONE

## \*\*\*\*\* HEALTH HAZARD DATA \*\*\*\*\*

THRESHOLD LIMIT VALUE: (IF ESTABLISHED)

## EFFECTS OF OVEREXPOSURE:

SLIGHT EYE IRRITATION. MODERATE SKIN IRRITATION.

## \*\*\*\*\* EMERGENCY AND FIRST AID PROCEDURES \*\*\*\*\*

## EYE CONTACT:

FLUSH WITH WATER.

## SKIN CONTACT:

WASH CONTACT AREAS WITH SOAP AND WATER. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

## INHALATION:

NOT EXPECTED TO BE A PROBLEM.

## INGESTION:

DO NOT INDUCE VOMITING. ADMINISTER VEGETABLE OIL. GET MEDICAL ASSISTANCE. (NOTE TO PHYSICIAN: MATERIAL IF ASPIRATED INTO THE LUNGS MAY CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY)

## \*\*\*\*\* REACTIVITY DATA \*\*\*\*\*

STABILITY: (THERMAL, LIGHT, ETC.) CONDITIONS TO AVOID:

STABLE      STRONG OXIDATION

## INCOMPATIBILITY: (MATERIALS TO AVOID)

STRONG OXIDIZERS

## HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE.

## HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

## CONDITIONS TO AVOID:

\*\*\*\*\* SPILL OR LEAK PROCEDURE \*\*\*\*\*  
ENVIRONMENTAL IMPACT:

REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES. U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE NUMBER 800-424-8802.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

ADSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

WASTE MANAGEMENT:

DISPOSE OF WASTE BY SUPERVISED INCINERATION IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS.

\*\*\*\*\* SPECIAL PROTECTION INFORMATION \*\*\*\*\*

EYE PROTECTION:

NORMAL INDUSTRIAL EYE PROTECTION PRACTICES SHOULD BE EMPLOYED.

SKIN PROTECTION:

IMPERVIOUS GLOVES SHOULD BE WORN.

RESPIRATORY PROTECTION:

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

VENTILATION:

NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

OTHER:

\*\*\*\*\* SPECIAL PRECAUTIONS \*\*\*\*\*

HANDLING: AVOID CONTACT WITH SKIN.

STORAGE: STORE IN A COOL AREA. SEE APPENDIX FOR PRECAUTIONARY LABEL.  
L124

STORED MATERIALS MUST BE LABELED AS: COMBUSTIBLE.

## \*\*\*\*\* TOXICOLOGICAL DATA \*\*\*\*\*

## ACUTE

## ORAL TOXICITY: (RATS)

SLIGHTLY TOXIC (ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

## DERMAL TOXICITY: (RABBITS)

SLIGHTLY TOXIC (ESTIMATED) ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

## INHALATION TOXICITY: (RATS)

NOT APPLICABLE ---HARMFUL CONCENTRATIONS OF MISTS AND/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANY CUSTOMARY OR REASONABLY FORESEEABLE HANDLING, USE, OR MISUSE OF THIS PRODUCT.

## EYE IRRITATION: (RABBITS)

MAY CAUSE SLIGHT IRRITATION. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

## SKIN IRRITATION: (RABBITS)

MAY CAUSE MODERATE IRRITATION ON PROLONGED OR REPEATED CONTACT. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

## SUBACUTE AND MUTAGENICITY (SUMMARY)

## CHRONIC OR SPECIALIZED (SUMMARY)

## OTHER DATA

FILE CODES: (MOBIL USE ONLY)

MHC: 1\* 1\* NA 1\* 2\*

APPROVE 7985

ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPT.

MANAGER OF PRODUCT SAFETY INFORMATION, PHONE: (212) 883-5594

REVISED:

11/10/81

APPENDIX

PRECAUTIONARY LABEL TEXT FOR PACKAGED PRODUCTS

MINERAL OIL

CAUTION.

MAY CAUSE SKIN IRRITATION

AVOID SKIN CONTACT.  
WASH SKIN THOROUGHLY WITH  
SOAP AND WATER AFTER CONTACT.  
AVOID WEARING OF CLOTHING  
SOAKED WITH THIS OIL.

FOR INDUSTRIAL USE ONLY

MOBIL OIL CORPORATION, NEW YORK, N.Y. L-124(4-74)